

INPUT SET: S23856.raw

#6

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

3 (1) General Information:

5 (i) APPLICANTS: Ji, Hongjun
6 Rosen, Craig A.

8 (ii) TITLE OF INVENTION: Breast Cancer Specific Gene 1

10 (iii) NUMBER OF SEQUENCES: 11

12 (iv) CORRESPONDENCE ADDRESS:
13 (A) ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
14 (B) STREET: 1100 New York Ave., Suite 600
15 (C) CITY: Washington
16 (D) STATE: DC
17 (E) COUNTRY: USA
18 (F) ZIP: 20005-3934

20 (v) COMPUTER READABLE FORM:

21 (A) MEDIUM TYPE: Floppy disk
22 (B) COMPUTER: IBM PC compatible
23 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
24 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

26 (vi) CURRENT APPLICATION DATA:

27 (A) APPLICATION NUMBER: TO BE ASSIGNED
28 (B) FILING DATE: HEREWITH
29 (C) CLASSIFICATION:

31 (vii) PRIOR APPLICATION DATA:

32 (A) APPLICATION NUMBER: US 08/673,284
33 (B) FILING DATE: 28-JUN-96
34 (C) CLASSIFICATION:

36 (vii) PRIOR APPLICATION DATA:

37 (A) APPLICATION NUMBER: US 60/000,602
38 (B) FILING DATE: 30-JUN-95
39 (C) CLASSIFICATION:

41 (vii) PRIOR APPLICATION DATA:

42 (A) APPLICATION NUMBER: PCT/US95/08295
43 (B) FILING DATE: 30-JUN-95
44 (C) CLASSIFICATION:

46 (vii) PTOB APPLICATION DATA:

~~ENTERED~~

replaced
by
paper & P

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/017,715DATE: 02/26/98
TIME: 17:20:54

INPUT SET: S23856.raw

47 (A) APPLICATION NUMBER: US 60/037,080
48 (B) FILING DATE: 03-FEB-97
49 (C) CLASSIFICATION:
50
51 (viii) ATTORNEY/AGENT INFORMATION:
52 (A) NAME: Steffe, Eric K.
53 (B) REGISTRATION NUMBER: 36,688
54 (C) REFERENCE/DOCKET NUMBER: 1488.0810003
55

56 (ix) TELECOMMUNICATION INFORMATION:
57 (A) TELEPHONE: 202-371-2600
58 (B) TELEFAX: 202-371-2540
59
60

61 (2) INFORMATION FOR SEQ ID NO:1:
62
63 (i) SEQUENCE CHARACTERISTICS:
64 (A) LENGTH: 550 base pairs
65 (B) TYPE: nucleic acid
66 (C) STRANDEDNESS: double
67 (D) TOPOLOGY: both
68
69 (ii) MOLECULE TYPE: cDNA
70
71
72 (ix) FEATURE:
73 (A) NAME/KEY: CDS
74 (B) LOCATION: 12..392
75
76
77 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
78
79 CACGAGCCAC C ATG GAT GTT TTC AAG AAG GGC TTC TCC ATC GCC AAG AAG 50
80 Met Asp Val Phe Lys Lys Gly Phe Ser Ile Ala Lys Lys
81 1 5 10
82
83 GGC GTG GTG GGT GCG GTG GAA AAG ACC AAG CAG GGG GTG ACG GAA GCA 98
84 Gly Val Val Gly Ala Val Glu Lys Thr Lys Gln Gly Val Thr Glu Ala
85 15 20 25
86
87 GCT GAG AAG ACC AAG GAG GGG GTC ATG TAT GTG GGA GCC AAG ACC AAG 146
88 Ala Glu Lys Thr Lys Glu Gly Val Met Tyr Val Gly Ala Lys Thr Lys
89 30 35 40 45
90
91 GAG AAT GTT GTA CAG AGC GTG ACC TCA GTG GCC GAG AAG ACC AAG GAG 194
92 Glu Asn Val Val Gln Ser Val Thr Ser Val Ala Glu Lys Thr Lys Glu
93 50 55 60
94
95 CAG GCC AAC GCC GTG AGC AAG GCT GTG GTG AGC AGC GTC AAC ACT GTG 242
96 Gln Ala Asn Ala Val Ser Lys Ala Val Val Ser Ser Val Asn Thr Val
97 65 70 75
98
99 GCC ACC AAG ACC GTG GAG GAG GCG GAG AAC ATC GCG GTC ACC TCC GGG 290

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/017,715DATE: 02/26/98
TIME: 17:20:57

INPUT SET: S23856.raw

100 Ala Thr Lys Thr Val Glu Glu Ala Glu Asn Ile Ala Val Thr Ser Gly
101 80 85 90
102
103 GTG GTG CGC AAG GAG GAC TTG AGG CCA TCT GCC CCC CAA CAG GAG GGT 338
104 Val Val Arg Lys Glu Asp Leu Arg Pro Ser Ala Pro Gln Gln Glu Gly
105 95 100 105
106
107 GAG GCA TCC AAA GAG AAA GAG GAA GTG GCA GAG GAG GCC CAG AGT GGG 386
108 Glu Ala Ser Lys Glu Lys Glu Glu Val Ala Glu Glu Ala Gln Ser Gly
109 110 115 120 125
110
111 GGA GAC TAGAGGGCTA CAGGCCAGCG TGGATGACCT GAAGAGCGCT CCTCTGCCTT 442
112 Gly Asp
113
114
115 GGACACCATC CCCTCCTAGC ACAAGGAGTG CCCGCCTTGA GTGACATGCG GGTGCCACG 502
116
117 CTCCTGCCCT CGTCTCCCTG GACACCCTTG GCCTGTCCAC CTGTGCTG 550
118
119
120 (2) INFORMATION FOR SEQ ID NO:2:
121
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 127 amino acids
124 (B) TYPE: amino acid
125 (D) TOPOLOGY: linear
126
127 (ii) MOLECULE TYPE: protein
128
129 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
130
131 Met Asp Val Phe Lys Lys Gly Phe Ser Ile Ala Lys Lys Gly Val Val
132 1 5 10 15
133
134 Gly Ala Val Glu Lys Thr Lys Gln Gly Val Thr Glu Ala Ala Glu Lys
135 20 25 30
136
137 Thr Lys Glu Gly Val Met Tyr Val Gly Ala Lys Thr Lys Glu Asn Val
138 35 40 45
139
140 Val Gln Ser Val Thr Ser Val Ala Glu Lys Thr Lys Glu Gln Ala Asn
141 50 55 60
142
143 Ala Val Ser Lys Ala Val Val Ser Ser Val Asn Thr Val Ala Thr Lys
144 65 70 75 80
145
146 Thr Val Glu Glu Ala Glu Asn Ile Ala Val Thr Ser Gly Val Val Arg
147 85 90 95
148
149 Lys Glu Asp Leu Arg Pro Ser Ala Pro Gln Gln Glu Gly Glu Ala Ser
150 100 105 110
151
152 Lys Glu Lys Glu Glu Val Ala Glu Glu Ala Gln Ser Gly Gly Asp

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/017,715DATE: 02/26/98
TIME: 17:20:59

INPUT SET: S23856.raw

153	115	120	125	
154				
155	(2) INFORMATION FOR SEQ ID NO:3:			
156				
157	(i) SEQUENCE CHARACTERISTICS:			
158	(A) LENGTH: 23 base pairs			
159	(B) TYPE: nucleic acid			
160	(C) STRANDEDNESS: single			
161	(D) TOPOLOGY: linear			
162				
163	(ii) MOLECULE TYPE: cDNA			
164				
165				
166				
167				
168	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:			
169				
170	GGGGATCCAT	GTTTTCAAGA	AGG	23
171				
172	(2) INFORMATION FOR SEQ ID NO:4:			
173				
174	(i) SEQUENCE CHARACTERISTICS:			
175	(A) LENGTH: 27 base pairs			
176	(B) TYPE: nucleic acid			
177	(C) STRANDEDNESS: single			
178	(D) TOPOLOGY: linear			
179				
180	(ii) MOLECULE TYPE: cDNA			
181				
182				
183				
184				
185	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:			
186				
187	GGAAGCTTCT	AGTCTCCCCC	ACTCTGG	27
188				
189	(2) INFORMATION FOR SEQ ID NO:5:			
190				
191	(i) SEQUENCE CHARACTERISTICS:			
192	(A) LENGTH: 25 base pairs			
193	(B) TYPE: nucleic acid			
194	(C) STRANDEDNESS: single			
195	(D) TOPOLOGY: linear			
196				
197	(ii) MOLECULE TYPE: cDNA			
198				
199				
200				
201				
202	(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:			
203				
204	GGGGATCCCG	ATGTTTCAA	GAAGG	25
205				

INPUT SET: S23856.raw

206 (2) INFORMATION FOR SEQ ID NO:6:

207
208 (i) SEQUENCE CHARACTERISTICS:
209 (A) LENGTH: 27 base pairs
210 (B) TYPE: nucleic acid
211 (C) STRANDEDNESS: single
212 (D) TOPOLOGY: linear213
214 (ii) MOLECULE TYPE: cDNA
215
216
217
218219 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
220
221 GGGGTACCCCT AGTCTCCCCC ACTCTGG 27222
223 (2) INFORMATION FOR SEQ ID NO:7:
224225 (i) SEQUENCE CHARACTERISTICS:
226 (A) LENGTH: 29 base pairs
227 (B) TYPE: nucleic acid
228 (C) STRANDEDNESS: single
229 (D) TOPOLOGY: linear230
231 (ii) MOLECULE TYPE: cDNA
232
233
234
235236 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
237
238 GGGGATCCGC CACCATGTTT TCAAGAAGG 29239
240 (2) INFORMATION FOR SEQ ID NO:8:
241242 (i) SEQUENCE CHARACTERISTICS:
243 (A) LENGTH: 60 base pairs
244 (B) TYPE: nucleic acid
245 (C) STRANDEDNESS: single
246 (D) TOPOLOGY: linear247
248 (ii) MOLECULE TYPE: cDNA
249
250
251
252253 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
254
255 GGGGATCCTC AGAAAGCGTA GTCTGGGACG TCGTATGGGT ACTAGTCTCC CCCACTCTGG 60256
257
258 (2) INFORMATION FOR SEQ ID NO:9:

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/017,715

DATE: 02/26/98
TIME: 17:21:04

INPUT SET: S23856.raw

Line	Error	Original Text
27	Wrong application Serial Number	(A) APPLICATION NUMBER: TO BE ASSIGNED